What is Claimed:

1. A computer program product for enabling television ("TV") commerce to generate additional revenue streams, said program product embodied on computer readable media readable by one or more computing systems in an interactive television environment having a connection to a computer network and comprising:

computer-readable program code means for initiating a TV commerce purchase by a consumer;

computer-readable program code means for gathering TV context information related to said purchase; and

computer-readable program code means for including said gathered context information in a payment message corresponding to said purchase.

2. The computer program product according to Claim 1, further comprising:

computer-readable program code means, responsive to said computer-readable program code means for initiating, for sending a purchase request for said purchase from said consumer to a computer in said interactive television environment;

computer-readable program code means for receiving said purchase request at said computer;

computer-readable program code means for forwarding said purchase request from said computer to a merchant connected to said interactive television environment;

computer-readable program code means for receiving said forwarded purchase request at said merchant;

computer-readable program code means for sending a payment initiation message for said purchase, responsive to said computer-readable program code means for receiving said

forwarded purchase request, from said merchant to said consumer through said interactive television environment; 14 computer-readable program code means for receiving said sent payment initiation message by said consumer; 16 computer-readable program code means for augmenting said received payment initiation 17 message with said gathered TV context information, thereby creating said payment message 18 corresponding to said purchase; 19 computer-readable program code means for forwarding said payment message to an 20 issuing bank; 21 computer-readable program code means for receiving said forwarded payment message at 22 23 said issuing bank; computer-readable program code means operable at said issuing bank, responsive to said 24 computer-readable program code means for receiving said forwarded payment message, for 25 creating an authorization token for said purchase; 26 computer-readable program code means for sending said authorization token and said TV 27 context information from said issuing bank to said consumer; 28 computer-readable program code means for forwarding said sent authorization token and 29 said TV context information from said consumer to said merchant; 30 computer-readable program code means for receiving said forwarded authorization token 31 and said TV context information at said merchant; 32 computer-readable program code means for sending, responsive to said computer-33 readable program code means for receiving said forwarded authorization token and said TV 34 context information, a capture request from said merchant to an acquiring bank, along with said

received authorization token and said received TV context information;

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computer-readable program code means for receiving said capture request, said received authorization token, and said received TV context information at said acquiring bank; and computer-readable program code means for charging, responsive to said computer-readable program code means for receiving said capture request, said received authorization token, and said received TV context information, an account of said consumer for said purchase.

- 3. The computer program product according to Claim 2, wherein said TV context information is included as a part of said authorization token.
- 4. The computer program product according to Claim 2, wherein said payment initiation message is a wallet initiation message and wherein said gathered TV context information augments said received wallet initiation message, thereby creating said payment message corresponding to said purchase, and further comprising:

computer-readable program code means for invoking a wallet program upon receipt of said sent payment initiation message by said consumer;

computer-readable program code means for logging on to said wallet program by said consumer, thereby creating consumer log-on data; and

computer-readable program code means for including said consumer log-on data when said payment message is forwarded to said issuing bank.

5. The computer program product according to Claim 2, wherein said payment initiation message is digitally signed by said merchant using a digital certificate of said merchant and said authorization token is digitally signed by said issuing bank using an issuing bank digital certificate, and further comprising:

	computer-readable program code means for verifying said digitally signed payment
initia	ation message using said digital certificate of said merchant; and
	computer-readable program code means for verifying said digitally signed authorization
toke	n using said issuing bank digital certificate.
6.	The computer program product according to Claim 1, further comprising:
	computer-readable program code means for using said included context information for
alloc	cating a portion of a payment represented by said payment message to one or more TV
origi	inators.
7.	The computer program product according to Claim 6, wherein said computer-readable
prog	ram code means for using said included context information further comprises:
	computer-readable program code means for extracting an identification of each of said
one	or more TV originators from said included context information; and
	computer-readable program code means for allocating a predetermined percent of said
payı	ment to each of said identified TV originators.
8.	The computer program product according to Claim 7, further comprising computer-
read	able program code means for sending said included context information from said acquiring
banl	k to at least one of said one or more identified TV originators.
9.	The computer program product according to Claim 2, further comprising:
	computer-readable program code means for authenticating said consumer by digitally
sign	ing said payment message by said consumer using a consumer digital certificate; and

4	computer-readable program code means for verifying said digitally signed payment	
5	message using said consumer digital certificate.	
1	10. The computer program product according to Claim 2, further comprising computer-	
2	readable program code means for using a shared key known to said consumer and said issuit	ng
3	bank to authenticate said consumer.	
1	11. The computer program product according to Claim 1, further comprising:	
2	computer-readable program code means, responsive to said computer-readable program	am
3	code means for initiating, for sending a purchase request for said purchase from said consum	ner to
4	a computer in said interactive television environment;	
5	computer-readable program code means for receiving said purchase request at said	
6	computer;	
7	computer-readable program code means for forwarding said purchase request from s	aid
8	computer to a merchant connected to said interactive television environment;	
9	computer-readable program code means for receiving said forwarded purchase reque	est at
10	said merchant;	
11	computer-readable program code means for sending a payment initiation message for	or said
12	purchase, responsive to said computer-readable program code means for receiving said	
13	forwarded purchase request, from said merchant to said consumer through said interactive	٠
14	television environment;	
15	computer-readable program code means for receiving said sent payment initiation	

message by said consumer;

computer-readable program code means for augmenting said received payment initiation 17 message with said gathered TV context information, thereby creating said payment message 18 corresponding to said purchase; 19 computer-readable program code means for returning said payment message to said 20 merchant; 21 computer-readable program code means for forwarding said returned payment message 22 from said merchant to a card company or bank; 23 computer-readable program code means for charging, responsive to said computer-24 readable program code means for receiving said forwarded payment message, an account of said 25 consumer for said purchase; and 26 computer-readable program code means for paying said merchant for said purchase. 27 The computer program product according to Claim 11, wherein said payment initiation 12. 1 message is a wallet initiation message and wherein said gathered TV context information 2 augments said received wallet initiation message, thereby creating said payment message 3 corresponding to said purchase, and further comprising: 4 computer-readable program code means for invoking a wallet program upon receipt of 5 said sent payment initiation message by said consumer; 6 computer-readable program code means for logging on to said wallet program by said 7 consumer, thereby creating consumer log-on data; and 8 computer-readable program code means for including said consumer log-on data when 9 said payment message is forwarded to said merchant. 10 The computer program product according to Claim 11, wherein said payment initiation

message is digitally signed by said merchant using a digital certificate of said merchant, and

-34-RSW9-99-080

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	further	comprising computer-readable program code means for verifying said digitally signed
•	payme	nt initiation message using said digital certificate of said merchant.
	14.	The computer program product according to Claim 11, further comprising:
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		computer-readable program code means for using said included context information for
	allocat	ting a portion of a payment represented by said payment message to one or more TV
	origina	ators.
	15.	The computer program product according to Claim 14, wherein said computer-readable
	progra	m code means for using said included context information further comprises:
	-	computer-readable program code means for extracting an identification of each of said
	one or	more TV originators from said included context information; and
		computer-readable program code means for allocating a predetermined percent of said
	payme	ent to each of said identified TV originators.
	16.	The computer program product according to Claim 15, further comprising computer-
	readal	ole program code means for sending said included context information from said card
		any or bank to at least one of said one or more identified TV originators.
	17.	The computer program product according to Claim 11, further comprising:
		computer-readable program code means for authenticating said consumer by digitally
	signin	ng said payment message by said consumer using a consumer digital certificate; and
		computer readable program code means for verifying said digitally signed payment

message using said consumer digital certificate.

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2 .	reada	readable program code means for using a shared key known to said consumer and said issuing		
3	bank	to authenticate said consumer.		
1	19.	The computer program product according to Claim 1, further comprising:		
2		computer-readable program code means for initiating a payment transaction by said		
3	consu	nmer;		
4		computer-readable program code means for gathering TV context information related to		
5	said _J	payment transaction; and		
6		computer-readable program code means for including said gathered TV context		
7	infor	mation in a message corresponding to said payment transaction.		
1	20.	A system for enabling television ("TV") commerce to generate additional revenue		
2	strea	ms in an interactive television environment, said environment having a connection to a		
3		outer network and said system comprising:		
4		means for initiating a TV commerce purchase by a consumer;		
5		means for gathering TV context information related to said purchase; and		
6		means for including said gathered context information in a payment message		
7	corre	sponding to said purchase.		
1	21.	The system according to Claim 20, further comprising:		
2	21.	means, responsive to said means for initiating, for sending a purchase request for said		
3	pural	nase from said consumer to a computer in said interactive television environment;		
<i>J</i>	purci	means for receiving said purchase request at said computer:		

RSW9-99-080 -36-

5	means for forwarding said purchase request from said computer to a merchant connected
6	to said interactive television environment;
7	means for receiving said forwarded purchase request at said merchant;
8	means for sending a payment initiation message for said purchase, responsive to said
9	means for receiving said forwarded purchase request, from said merchant to said consumer
10	through said interactive television environment;
11	means for receiving said sent payment initiation message by said consumer;
12	means for augmenting said received payment initiation message with said gathered TV
13	context information, thereby creating said payment message corresponding to said purchase;
14	means for forwarding said payment message to an issuing bank;
15	means for receiving said forwarded payment message at said issuing bank;
16	means operable at said issuing bank, responsive to said means for receiving said
17	forwarded payment message, for creating an authorization token for said purchase;
18	means for sending said authorization token and said TV context information from said
19	issuing bank to said consumer;
20	means for forwarding said sent authorization token and said TV context information from
21	said consumer to said merchant;
22	means for receiving said forwarded authorization token and said TV context information
23	at said merchant;
24	means for sending, responsive to said means for receiving said forwarded authorization
25	token and said TV context information, a capture request from said merchant to an acquiring
26	bank, along with said received authorization token and said received TV context information;
27	means for receiving said capture request, said received authorization token, and said
28	received TV context information at said acquiring bank; and

RSW9-99-080 -37-

29	means for charging, responsive to said means for receiving said capture request, said		
30	received authorization token, and said received TV context information, an account of said		
31	consumer for said purchase.		
1	22. The system according to Claim 21, wherein said TV context information is included as a		
2	part of said authorization token.		
1	23. The system according to Claim 21, wherein said payment initiation message is a wallet		
2	initiation message and wherein said gathered TV context information augments said received		
3	wallet initiation message, thereby creating said payment message corresponding to said purchase,		
4	and further comprising:		
5	means for invoking a wallet program upon receipt of said sent payment initiation message		
6	by said consumer;		
7	means for logging on to said wallet program by said consumer, thereby creating		
8	consumer log-on data; and		
9	means for including said consumer log-on data when said payment message is forwarded		
10	to said issuing bank.		
1	24. The system according to Claim 21, wherein said payment initiation message is digitally		
2	signed by said merchant using a digital certificate of said merchant and said authorization token		
3	is digitally signed by said issuing bank using an issuing bank digital certificate, and further		
4	comprising:		
5	means for verifying said digitally signed payment initiation message using said digital		

certificate of said merchant; and

7		means for verifying said digitally signed authorization token using said issuing bank
8	digita	al certificate.
1	25.	The system according to Claim 20, further comprising:
2		means for using said included context information for allocating a portion of a payment
3	repre	sented by said payment message to one or more TV originators.
1	26.	The system according to Claim 25, wherein said means for using said included context
2	infor	mation further comprises:
3		means for extracting an identification of each of said one or more TV originators from
4	said i	ncluded context information; and
5		means for allocating a predetermined percent of said payment to each of said identified
6	TV o	riginators.
1	27.	The system according to Claim 26, further comprising means for sending said included
2	conte	ext information from said acquiring bank to at least one of said one or more identified TV
3	origii	nators.
1	28.	The system according to Claim 21, further comprising:
2		means for authenticating said consumer by digitally signing said payment message by
3	said o	consumer using a consumer digital certificate; and
4		means for verifying said digitally signed payment message using said consumer digital
5	certif	icate.

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1	29.	The system according to Claim 21, further comprising means for using a shared key
2	know	n to said consumer and said issuing bank to authenticate said consumer.
1	30.	The system according to Claim 20, further comprising:
2		means, responsive to said means for initiating, for sending a purchase request for said
3	purch	nase from said consumer to a computer in said interactive television environment;
4		means for receiving said purchase request at said computer;
5		means for forwarding said purchase request from said computer to a merchant connected
6	to sai	d interactive television environment;
7		means for receiving said forwarded purchase request at said merchant;
8		means for sending a payment initiation message for said purchase, responsive to said
9	mear	as for receiving said forwarded purchase request, from said merchant to said consumer
10	throu	igh said interactive television environment;
1		means for receiving said sent payment initiation message by said consumer;
12		means for augmenting said received payment initiation message with said gathered TV
13	conte	ext information, thereby creating said payment message corresponding to said purchase;
14		means for returning said payment message to said merchant;
15		means for forwarding said returned payment message from said merchant to a card
16	comp	pany or bank;
17		means for charging, responsive to said means for receiving said forwarded payment
18	mess	age, an account of said consumer for said purchase; and
19		means for paying said merchant for said purchase.
1	31	The system according to Claim 30, wherein said payment initiation message is a wallet

initiation message and wherein said gathered TV context information augments said received

RSW9-99-080 -40-

wallet initiation message, thereby creating said payment message corresponding to said purchase,			
and further comprising:			
means for invoking a wallet program upon receipt of said sent payment initiation message			
by said consumer;			
means for logging on to said wallet program by said consumer, thereby creating			
consumer log-on data; and			
means for including said consumer log-on data when said payment message is forwarded			
to said merchant.			
32. The system according to Claim 30, wherein said payment initiation message is digitally			
signed by said merchant using a digital certificate of said merchant, and further comprising			
means for verifying said digitally signed payment initiation message using said digital certificate			
of said merchant.			
33. The system according to Claim 30, further comprising:			
means for using said included context information for allocating a portion of a payment			
represented by said payment message to one or more TV originators.			
34. The system according to Claim 33, wherein said means for using said included context			
information further comprises:			
means for extracting an identification of each of said one or more TV originators from			
said included context information; and			
means for allocating a predetermined percent of said payment to each of said identified			
TV originators.			

1	35.	The system according to Claim 34, further comprising means for sending said included
2	conte	xt information from said card company or bank to at least one of said one or more identified
3	TV o	riginators.
1	36.	The system according to Claim 30, further comprising:
2		means for authenticating said consumer by digitally signing said payment message by
3	said o	consumer using a consumer digital certificate; and
4		means for verifying said digitally signed payment message using said consumer digital
5	certif	icate.
1	37.	The system according to Claim 30, further comprising means for using a shared key
2	know	n to said consumer and said issuing bank to authenticate said consumer.
1	38.	The system according to Claim 20, further comprising:
2		means for initiating a payment transaction by said consumer;
3		means for gathering TV context information related to said payment transaction; and
4		means for including said gathered TV context information in a message corresponding to
5	said j	payment transaction.
1	39.	A method for enabling television ("TV") commerce to generate additional revenue
2	stream	ms in an interactive television environment, said environment having a connection to a
3	comp	outer network and said method comprising the steps of:
4		initiating a TV commerce purchase by a consumer;
5		gethering TV context information related to said purchase; and

RSW9-99-080 -42-

6.	i 1	ncluding said gathered context information in a payment message corresponding to said
7	purchase	3.
1	40. T	The method according to Claim 39, further comprising the steps of:
2	S	ending, responsive to said initiating step, a purchase request for said purchase from said
3	consume	er to a computer in said interactive television environment;
4	r	eceiving said purchase request at said computer;
5	f	forwarding said purchase request from said computer to a merchant connected to said
6	interacti	ve television environment;
7	r	eceiving said forwarded purchase request at said merchant;
8	S	ending a payment initiation message for said purchase, responsive to said step of
9	receiving	g said forwarded purchase request, from said merchant to said consumer through said
10	interacti	ve television environment;
11	r	eceiving said sent payment initiation message by said consumer;
12	а	augmenting said received payment initiation message with said gathered TV context
13	informa	tion, thereby creating said payment message corresponding to said purchase;
14	f	forwarding said payment message to an issuing bank;
15	r	eceiving said forwarded payment message at said issuing bank;
16		creating at said issuing bank, responsive to said step of receiving said forwarded payment
17	message	e, an authorization token for said purchase;
18	S	sending said authorization token and said TV context information from said issuing bank
19	to said o	consumer;
20	1	forwarding said sent authorization token and said TV context information from said
21	consum	er to said merchant;

receiving said forwarded authorization token and said TV context information at said
merchant;
sending, responsive to said step of receiving said forwarded authorization token and said
TV context information, a capture request from said merchant to an acquiring bank, along with
said received authorization token and said received TV context information;
receiving said capture request, said received authorization token, and said received TV
context information at said acquiring bank; and
charging, responsive to said step of receiving said capture request, said received
authorization token, and said received TV context information, an account of said consumer for
said purchase.
41. The method according to Claim 40, wherein said TV context information is included as a
part of said authorization token.
42. The method according to Claim 40, wherein said payment initiation message is a wallet
initiation message and wherein said gathered TV context information augments said received
wallet initiation message, thereby creating said payment message corresponding to said purchase
and further comprising the steps of:
invoking a wallet program upon receipt of said sent payment initiation message by said
consumer;
logging on to said wallet program by said consumer, thereby creating consumer log-on
data; and
including said consumer log-on data when said payment message is forwarded to said

issuing bank.

43.	The method according to Claim 40, wherein said payment initiation message is digitally			
signed by said merchant using a digital certificate of said merchant and said authorization token				
is digitally signed by said issuing bank using an issuing bank digital certificate, and further				
comprising the steps of:				
	verifying said digitally signed payment initiation message using said digital certificate of			
said merchant; and				
	verifying said digitally signed authorization token using said issuing bank digital			
certifi	cate.			
44.	The method according to Claim 39, further comprising the step of:			
	using said included context information for allocating a portion of a payment represented			
by said payment message to one or more TV originators.				
45.	The method according to Claim 44, wherein said step of using said included context			
information further comprises the steps of:				
	extracting an identification of each of said one or more TV originators from said included			
context information; and				
	allocating a predetermined percent of said payment to each of said identified TV			
originators.				
46.	The method according to Claim 45, further comprising the step of sending said included			
context information from said acquiring bank to at least one of said one or more identified TV				
originators.				
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RSW9-99-080 -45-

The method according to Claim 40, further comprising the steps of:

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2	authenticating said consumer by digitally signing said payment message by said			
3	consumer using a consumer digital certificate; and			
4	verifying said digitally signed payment message using said consumer digital certificate.			
1	48. The method according to Claim 40, further comprising the step of using a shared key			
2	known to said consumer and said issuing bank to authenticate said consumer.			
1	49. The method according to Claim 39, further comprising the steps of:			
2	sending, responsive to said initiating step, a purchase request for said purchase from said			
3	consumer to a computer in said interactive television environment;			
4	receiving said purchase request at said computer;			
5	forwarding said purchase request from said computer to a merchant connected to said			
6	interactive television environment;			
7	receiving said forwarded purchase request at said merchant;			
. 8	sending a payment initiation message for said purchase, responsive to said step of			
9	receiving said forwarded purchase request, from said merchant to said consumer through said			
10	interactive television environment;			
11	receiving said sent payment initiation message by said consumer;			
12	augmenting said received payment initiation message with said gathered TV context			
13	information, thereby creating said payment message corresponding to said purchase;			
14	returning said payment message to said merchant;			
15	forwarding said returned payment message from said merchant to a card company or			
16	bank;			
17	charging, responsive to said step of receiving said forwarded payment message, an			
18	account of said consumer for said purchase; and			

paying said merchant for said purchase.

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50. The method according to Claim 49, wherein said payment initiation message is a wallet initiation message and wherein said gathered TV context information augments said received wallet initiation message, thereby creating said payment message corresponding to said purchase, and further comprising the steps of:

invoking a wallet program upon receipt of said sent payment initiation message by said consumer;

logging on to said wallet program by said consumer, thereby creating consumer log-on data; and

including said consumer log-on data when said payment message is forwarded to said merchant.

- 51. The method according to Claim 49, wherein said payment initiation message is digitally signed by said merchant using a digital certificate of said merchant, and further comprising the step of verifying said digitally signed payment initiation message using said digital certificate of said merchant.
- The method according to Claim 49, further comprising the step of:
 using said included context information for allocating a portion of a payment represented
 by said payment message to one or more TV originators.
- 1 53. The method according to Claim 52, wherein said step of using said included context information further comprises the steps of:

3		extracting an identification of each of said one of more 1 v originators from said moraded			
4	context information; and				
5		allocating a predetermined percent of said payment to each of said identified TV			
6	origina	originators.			
1	54.	The method according to Claim 53, further comprising the step of sending said included			
2	contex	t information from said card company or bank to at least one of said one or more identified			
3	TV originators.				
1	55.	The method according to Claim 49, further comprising the steps of:			
2		authenticating said consumer by digitally signing said payment message by said			
3	consumer using a consumer digital certificate; and				
4		verifying said digitally signed payment message using said consumer digital certificate.			
1	56.	The method according to Claim 49, further comprising the step of using a shared key			
2	known	to said consumer and said issuing bank to authenticate said consumer.			
1 .	57.	The method according to Claim 39, further comprising the steps of:			
2		initiating a payment transaction by said consumer;			
3		gathering TV context information related to said payment transaction; and			
4		including said gathered TV context information in a message corresponding to said			
5	navment transaction				